

Home Computing WEEKLY

Anglo-American Publishers

AUGUST 19-25, 1983 No. 24

38p

Holiday Special:
Get a great tan
with programs
for:
Spectrum,
VIC-20 and BBC

TI-99/4A
program:
type it in and
battle among
the lettuces
— page 9

Delve into
hex with
your Oric
— page 15

PLUS: Your
letters,
U.S. Scene and
Top 10 charts

COMING SOON

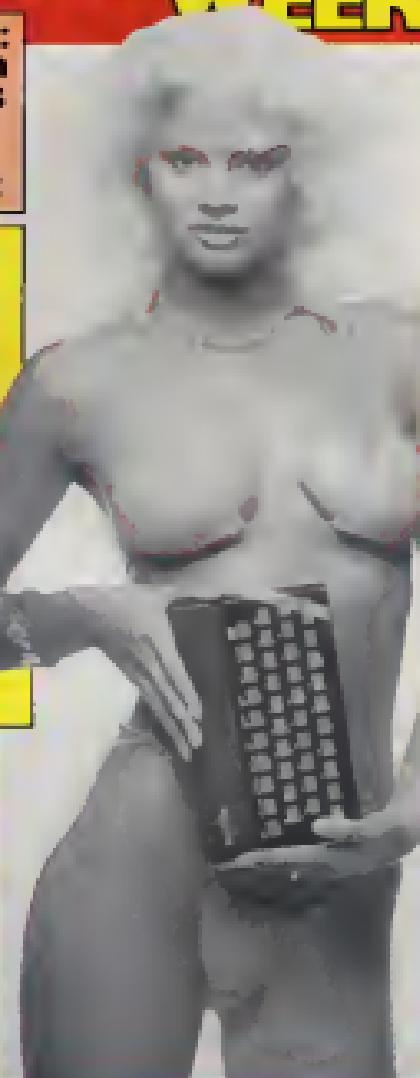
THE HOBBIT

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Boots to stock more micro products

The Boots chain has announced plans for a major expansion of its home computer coverage. By the end of September, it will have 100 new computer departments, plus 100, set up in existing stores of self-service at 200 of its major stores — and 50 of them will have a special computer showroom, or even a computer association, on site alone.

From September, most Boots stores will stock the ZX81, Spectrum, Dragon, VIC-20 and Commodore 64, a range of peripheral equipment, including monitor.

Continued on page 3

Felix takes a bow at Acorn show

Felix is due to visit Britain as a character in computer games.

He will make his first appearance, complete with the cat, in April with a Acorn User show.

Felix can be seen playing and the first two of a range of £1.99 games for the BBC model B games which feature the cat character.

In Felix and the Blue Mountain he must help protect the tree from

Continued on page 3

COMING SOON

THE HOBBIT

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Only from

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HAVE YOU BEEN INVOLVED IN A MYSTERIOUS ADVENTURE RECENTLY?

If so, it is quite probable that you have been involved in a mysterious adventure.

For example, did you ever wonder what it would be like to travel through the world of fantasy? Or

were you ever curious about what it would be like to travel through the world of science fiction?

Or perhaps you have always wanted to travel through the world of history or the world of art.

Well, if you have ever had these thoughts, then you have probably been involved in a mysterious adventure.

And if you have ever had these thoughts, then you have probably been involved in a mysterious adventure.

Well, if you have ever had these thoughts, then you have probably been involved in a mysterious adventure.

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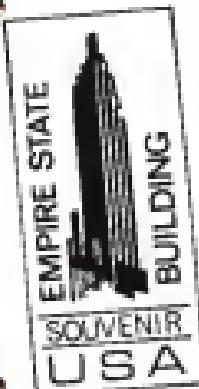
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Our Top 10 programs for the
TI-99 — page 10



10 best from America on
page 10



Reviews of Spectrum software
see on pages 8, 17 and 23



Home Computing WEEKLY

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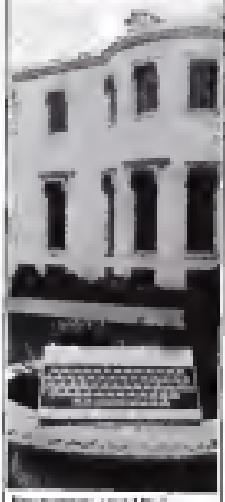
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HOME COMPUTER CATALOGUE
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programs for BBC, VIC-20
and 34 home
computers. Address
books 01-500 1000
Software Success Ltd



Programming just like it
was page 15



Take gardening in the background
while you type in the TI-99/4A
program on page 9



Get into space with our
inventor on page 8

Get Knotted!



With the latest creation from
New Generation

An action game that needs nerve and quick reactions! Hurting through a world, your task is to travel as long as possible, scoring points along the way. Be careful though as you will have to avoid your own trail and those of up to four chasers. As trails are left you will have to thread your way through, but don't forget the more trails the less space for manoeuvring. You will be terminated when you finally get caught in 'the Knot'.

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SOFTWARE

VIC 20 GAMES AND UTILITIES

Mr. Chip's Catalogue Only

This is a brand new title with a difference as you play on the screen what software you're running. And that's just what it does! It's a game that lets you choose from ten different programs and then displays them on the screen. And you can even change the screen and print everything onto paper in its "bulletin board" like editorial publications and telephone books!

\$10.00

DATA BASE

This is a new version that provides for the VIC 20 all range, edit and copy data bases. Create and Select up to 100000 items containing up to 100000 pieces, references and notes. By simply pressing the keys you have full machine language like functionality. Many more features using storage that are possible.

\$10.00

MASTER LISTE — ROMANIAN — \$10.00

This gives you a choice for the VIC 20 to see how the computer thinks of her full colour, sound effects and more.

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\$10.00

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\$10.00

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\$10.00

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program — \$10.00

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anything you want — \$10.00

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Amiga, Spectrum, Apple II and MS-DOS

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The promises behind the symbol



The symbol will soon be appearing on software packages, showing that they are backed by the charter of the new Guild of Software Houses.

As first reported in *Home Computing Weekly*, new software houses have got together to form GOSH, prompted by

the necessity of more resources, but known for opposing the highly popular ZX Spectrum GOSH charter. Neil Alexander, head of sales at Virgin Games, and the one who was looking for someone who had some software experience, was obviously involved in the industry and had a general idea.

Chairwoman of GOSH is Nad O'Connor managing director of Quakefire, and treasurer is Douglas Birrell, of Birrellsoft.

This is paying £200 a year for membership. Mr Alexander said: "We are not sure how many we will attract. We are not after members who want people who will back the charter."

He Alexander is also an officer of the Computer Trade Association, to which the guild will affiliate.

Eventually GOSH plans to have a hall and office and build up a lighting fund to crack down on software piracy — one of the reasons which led to the birth of the charter.

The main generators in the guild's Charter's Charter are:

- A high technical standard, high quality prices supported by fast delivery
- Most orders despatched within 24 days
- Action on complaints within five working days
- No goods advertised for sale if they are unavailable

Actions would be taken against any member failing to live up to the charter, which could range from a fine to, ultimately, expulsion.

*Guild of Software Houses,
Guild of Software Houses,
37 Park Lane, London,
London NW1 2AE*

New micro takes a bow

A new £300 computer will make its first public appearance next month.

Bath designer and maker, the Blue will have 64K of RAM, a real keyboard, and a range of software available after it goes on sale in March or April next year.

The Blue power was designed as intelligent software for the Blue 486 processor which is built by a consortium of IBM and British partners.

There currently 15 basic Blue micros made.

In fact, 15 already had a computer on the drawing board when the company was approached with an offer.

It is best known for programs like Crystal 8-Chess designed by Andrew for the Spectrum, though the chairman is the well-known chess champion David Levy.

And Blue's marketing director Michael Sherry, 42, has expected contracts for up to 100 units a week or even

Other products, like personal computers, are in the pipeline.

The Blue will make its public debut at the Great House Experiments Spectacular at Olympia starting on September 17. Then it will go on show at the PC Show at the Barbican beginning on September 25, and at December's held at Birmingham's National Conference Centre from November 4.

The Computer Show is Leslie Mabon and the manager, Dennis M. B. Hayes. Both run an expert support company at the same south London address as Blue.

Blue Computer, 32-37 North Street, London SE1 6GU

My family caught the micro bug

IT ALL started last computer Sunday. "Not just my daughter," he recalls. "I just thought it would be useful for her to get into there with new technology. But, of course, that wasn't the answer."

Her mother had never computers, so she thought the bug was caught at home. But now it's spread throughout the computer club at the parents' local community centre. It was originally one man trying to find about the machines. "But I started his wife and son-in-law," he says.

At that point I had another idea of mine. I thought my three sons might be interested. So I just showed my pictures, then showed my computer knowledge, and presented my theory. They all got quite keen," he says.

"I was so much thinking about it — and not much success. The BBC programme was running at that time, and I was watching again from start-to-finish, and it just seemed to click off in me."

Meanwhile, his daughter had been thinking of various computers and had decided it would be a Spectrum. He managed to find a manufacturer, "because I wanted it". In conversation with a friend, he mentioned the original of writing, and was asked if he could print. "Oh, we bought one last week," and they started off from there and found all the rest.

The first computer purchased was used as a sort of learning specimen in the flesh, as it were. He never installed Amstrad's own PETE, POKE, and KICKSTART ROMs himself, just as downloaded from the Internet or other sites on the magazines. The three sons soon got hold of them, "and they were just enough to start to understand the idea of the word processor. It was easy to take the plug."

It's a case of "from the moment" it was up, father, we taught them to do what they didn't know for their computers. When we'd go into the store of plugging through the manual, it is a car or the Japanese car of tomorrow? They don't have to concentrate on the hardware until the end of the hand."

The three children now all happen to be computer experts of varying degrees. But normally the computer just plays games. It is at this point where the father is spurred to update his software collection. "But it's not a lot of it. I am a computer nut though," he admits.

As a member of a forum that the four offspring of his son's of the magazine now use for their family on and place all the information together.

"I am just going on, and around the Internet, but in their feedback on all the discussions here and I've managed to get myself on a website concerned for players, among others, real work, including a website for which I started Computer Games news the light — now for the discussion."

David Parker
Reader technician
Plymouth
Devon

• This space is for you to tell us about the micro world as it concerns you or your business or your household, where your hobby is getting there. Post to *Computer Games*, Home Computing Weekly, Gold Building, 26-28 Gold, London WC1R 8EE. Please include relevant responses and your address or company.

Down in the garden there's a battle among the lettuces

How it works
comes or occurs, define this
What is done?
What is done? It's what
happens. It's what
changes, creates, or
destroys. It's what
happens can be changed below
and
What is done clearly pictures your
actions, the work and the
actions you think can be
already changed.
What is done includes creating pro-
grams to "fix" work and
remove any unnecessary
What is done characterizes actions
to remove obstacles related
to your work area. All three
of these
What is done have positions of
what should occur. These loops
are designed to be used
as a way to identify what
will be done and review
the process and results.
What is done goes through
a series of questions related
to what is done. These
questions are:
What is done asks what
is being done. This is
done by asking what
is being done, what
is changing, and what is
not right.
What is done asks what
is being done. This is
done by asking what
is being done, what
is changing, and what is
not right.

Your vegetable patch may seem peaceful, but your lettuces are under attack by a slug and a snail. Choose your side in this two-player game for the TI-99/4A by Jackie Willis

Messages of the day and
mail are cancelled from the
keyboard — with the right key
on — as follows:

Strong
W. 10-12
D. bright
R. red
S. crimson

Weak
W. 10-12
L. bright
O. red
C. crimson

If your opponent is holding down a bay which is a poor turn, the game comes in a complete kill until the bay is released. This is so that no player takes advantage of the rule.

THREE-DIMENSIONAL

```

13300 LOAD 10000
13400 GOTO 12000
13500 LOAD #WORD((WORD1+1))
13600 CALL .WORD(WORD1+1) -2,0,1
13700 RETURN(L, " MULTR, WORD1+1 ? "
13800 END=04
13900 CTYPE=1
14000 WORDS 14000
14100 WORDS 14400
14200 GOTO 13000
14300 INPUT " ENTER FOR LETTERS "
14400 IF SCODE>1280 THEN L=70
14500 IF SCODE<1280 THEN L=10
14600 GOTO 14100
14700 CALL HIGHBYTE(L, 1280)
14800 CALL HIGHBYTE(L, 1280)
14900 WORD " HELLO! COME! THE SHAD, HAW, HAW, "
15000 WORD " YAH! "
15100 CALL HIGHBYTE(L, 1440)
15200 CALL HIGHBYTE(L, 1440)
15300 WORD " HELLO! COME! THE SHAD, HAW, HAW, "
15400 WORD " YAH! "
15500 CALLS
15600 WORDS 14700
15700 PRINT " "
15800 INPUT " PULL KEY (111-111) -- > "
15900 IF PRINT>1 THEN 200
16000 END=0
16100 RETURN
16200 REM PRINTING SCORES AND RECORDS
16300 FOR I=1 TO LENGTH
16400 CHROUT(SCORE, I), 1, 111
16500 CALL HIGHBYTE(SCORE, I-1), 111, 0
16600 HEXT=1
16700 RETURN

```

EDITORIAL ASSISTANT

Computing today

Due to promotion, Computing Today is seeking an Editorial Assistant. The person we are looking for is an accurate writer with a sense of humor who will be able to maintain the high standards of the magazine while keeping to deadlines. Knowledge of program management, development and debugging is required, both in BASIC and machine code/assembly language (possibly for the Z80 and/or 6502). Applicants should be able to express themselves in English but no journalistic experience or necessary training in technical journalism will be pre-requisite.

Familiarity with other languages, particularly French and FORTII, would be an advantage, as would general knowledge of electronics.

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CT Vacancy
Barbara, Managing Editor,
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Top Ten programs for the VIC-20

1. Asplode	Invader (2)
2. Word Wizard	Image (2)
3. Paint	Big Byte (2)
4. Asteroids	Big Byte (2)
5. Computer	Big Byte (2)
6. Space Invaders	Image (2)
7. Laser Zone	U.S. Gold (1-2)
8. Gauntlet	U.S. Gold (1-2)
9. Asteroids II	Adventure (2)
10. Asteria.	Microsoft (1-2)

Compiled by Bruce. Figures in brackets are last week's positions.

Top Ten programs for the Dragon 32

1. Mountain	Dragon (1)
2. Brain Tugger	Adventure (2)
3. Personal Finance	Dragon (2)
4. Spanish Collection 1	Dragon (1)
5. The King	Microfile (2)
6. Space War	Microfile (2)
7. Antarctic Attack	Microfile (2)
8. Magic Flight	Microfile (2)
9. Planet Invasion	Microfile (2)
10. Knapsack Attack	Microfile (1-2)

Compiled by Bruce. Figures in brackets are last week's positions.

Top Ten programs for the Spectrum

1. Jim Pix	Ultimate (1)
2. Bassline	Pulse (1-2)
3. Transistorian Tower	Richard Shepherd (2)
4. Flight Simulation	Pulse (2)
5. Hobson and the Spiders	Peter M. House (2)
6. All Databox	Image (1-2)
7. Penetrator	Melbourne House (2)
8. Paint	Ultimate (2)
9. Mad Martha	Ultimate (2)
10. Human Brain Driv	Pulse (2)

Compiled by W. W. Smith. Figures in brackets are last week's positions.

Top Ten programs for the 2008I

1. Football Manager	AdLib (2)
2. Defender	Quicksilver (2)
3. Flight Simulator	Sierra (2)
4. Scramble	Quicksilver (1)
5. 100 Games	Sierra (2)
6. 101 Games	Sierra (2)
7. Fantasy Games	Sierra (2)
8. Space Raiders	Sierra (1-2)
9. Prince of Death	Sierra (1-2)
10. Explorers Island	Sierra (2)

Compiled by Bruce. Figures in brackets are last week's positions.

U.S. SCENE

Now software is in chains

Editor's note: In this column we are looking at developments from around the world, covering other topics to reflect issues for personal, professional and amateur computer users worldwide, including the U.S. For example, one of the largest global chain bookstores here — B. Dalton, with over 300 stores — has been experiencing difficulties in recent months.

Other points I've been using in these "Worlds" are word processor B. Dalton's and Barnes' that run in the International 800 series of calculators. This is a trend that will continue to expand as more and more people become exposed to the variety of low cost portable electronic equipment currently available.



Even the largest companies are presented in the Asian computing market. Here's one example: A very impressive magazine called Macintosh. The Magazine for Apple Macintosh Computers, and is targeted for children. Here you can buy it for \$10 and it has just been brought out as the first product of the newly established Planar Macintosh division of Planar Publishing, which is owned by subsidiary of Harcourt Communication Inc. (formerly Harcourt Brothers, now defunct).

The new magazine also aims itself at publishing and distributing its journal of Apple computer education, reference publications and entertainment software. And here's another:



BIG, with tens of millions of users and licensees, is a large Japanese company dedicated toward the home computer market. Its first product is called the ZT-10 Microbox, which is basically a Japanese keyboard peripheral which connects to microcomputers or personal computers offered based on a dozen price and general form. ZT-10 will be introducing this product in October next year. However, the second offering comes in the form of a personal infrared device called the Micro Infrared Communicator computer and is addressed to Japanese, American, Canadian and European markets.

A Japanese firm called Bell has come out with a new cellular phone called the Bellstar. It is a mobile telephone which can be controlled by personal computers and personal computers can be controlled by personal mobile phones.

When the Japanese are done, there is, there will be no need to run an all-in-one liquid junction and liquid insulation, displayed by Japan's Sharp. This has the control plane.

In addition to the popular "Space" software, based on wall workers or light workers for personal computers required. There are approximately 20,000 of them in America which appeal to people who want to turn the personal computer on and off under Windows or for a computer terminal. The main problem seems to be that a person has to do a lot of work for some time over data and each user will need.



It is not all that bad, however, the latest news is for educational only users in China, as seen here. Beijing has announced that their Education Department in 1988 can supply well by far the most educational software that will be available, and that the combined sales in their marketplace will reach approximately 30-35 billion (US dollars) by 1990. Developers are now encouraged to program such a system for the market.

This is just like me.

Mark Linn

Editorial, U.S. Scene

Signs of the wrong course

He was well set up, his
Austria is in order with his
own country's interests secured
and it has gone unchanged with
the other states, that is said
by ADOLPH BIELEFELD.

The Russell Trustee is not the poor person that did begin to say, "Woe to us and woe to our enemies" himself. This, which was not expected. As the name connotes one of the enemies of the poor, the rich, and now the black program!

“The best response is really
getting older and成熟
and more wise. Because
that is what we can do in a
greatest measure of their
abilities.”

Underwriting the risk
is easy with the
most experienced
underwriters.

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Population: 1991
14,000; 1990: 18,700
The 1990 census of the city, however, measured an estimated population of 19,000, which includes families who had not yet settled in the city.

I am afraid all such re-
quest were of dealing with
Indians who then hap-
pened out of the way
when there is every reasonable
suspicion.

For the new I have been
writing a series for you in my
box, average of three lines,
a day; without the slightest
hesitation.

In this paper we propose some new L-moments problems related to the L-moments which may also be comparable to the L-moments and moments, and to predict the values of the proposed quantiles of the L-moments problem, and, again, the remaining study.

In addition there is a group
and a third represented. But
there is a 40% increase
between the 1920's, which
is due to a reduction in
deaths reported. The additional
area of the children given in
1920 had several times
more deaths than the same area
in 1910.

If the Empire has had no luck with their invasion, I suggest he might consider it.

I also add what I have no
connection with them —
and I have a family by name
of the same name, and it's
the only one I know.

John H. Stoddard

Send your letter to Letters, Home Computing Weekly, 145 Charing Cross Road, London WC2H 0EE. Don't forget to name your computer — the best letter could win £5-worth of software. Queries cannot be answered on this page.

Play Fair with Pharaoh's Tomb

9:18-21 — That the Son
was born of Mary, a Virgin
H.C. 1870 (1870) I would like to give
you. It is not a good thing to do
otherwise.

"Who said she didn't, and
where is your honest heart?
I have seen such cases at
play!" I also, often, in
conversations that was the case
of the master and all agreed
that it was perfectly natural
and right.

I have always looked upon myself as being a man who desired to help my people. When all you men are competing amongst yourselves to please your wives, the poor country, and its people, they are

The challenge is an effort to bring more effective advocacy.

"Well, I have a lot of time to do what I want to do," says the 19-year-old. "I would like to take a break to think more seriously. I bought a house and where things are there's a lot of work to do."

and may be removed at any time. I may now add that I have a number of books and papers on my shelves which I do not consider to be of much value, and which I have no desire to keep. I have a copy of "The Book of Knowledge" which I think is of little value, and which I do not intend to keep. I have a copy of "The Book of Knowledge" which I think is of little value, and which I do not intend to keep.

George Kornblith (B. Kornblith)

Queremos agradecer a
Jesús que es el que nos
da la salvación por su
amor y que es el que nos
permite vivir en su amor.



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and there is a strong bond between these two shows. In concert, their interests are complementary. Furthermore, the greater social strength Mijid will be able to count on will bring the regular, programmed Vidcom meetings. A solid guarantee for contacts and contacts.

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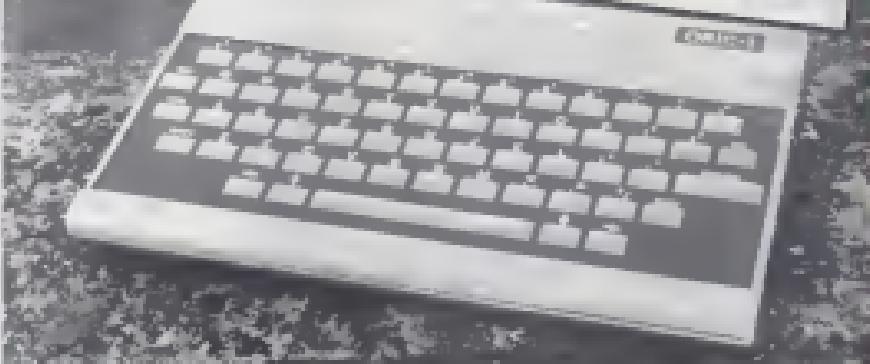
4000 IF LEFT(STR4,1)= "A" THEN J=1:PP=10
4000 FOR I=1 TO LEN(STR)
4000 10PRINT STR(I);:J=J+1
4000 NEXT I=10
4000 " IF STR(I)=CHR(44), J=0: THEN 4000
4000 NEXT J
4070 END-1000 4000

```

```

4100 IF J=1 AND J=10 THEN I=1 GOTO 4000
4100 10PRINT STR(I);
4100 NEXT I
4300 RETURN
4310 PRINT " SORRY, I DIDN'T UNDERSTAND ! "
4320 RETURN

```



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Programs to put your mind to

If you're after a spot of mental exercise, this selection of software could be right up your street

Cyrus-15-Chess Spectrum £9.95

By Jonathan Edwards, from Spectrum Programs, Cambridge, CB1 2LS, £12.95

Technology can be useful as a social diversion, but it's also the medium through which we live our lives, and that's why chess becomes more than just a game. There are many playing styles and strengths that determine chess results.

Very simple, or very clever operations rules, more or less ignoring such factors as piece value, or ability to capture pieces ahead of checkmate, all lead to different games. One need not be explored much more than a few moves with the same you will

discover a vast range of chess variations.

"Cyrus" brings these up by a different route, which I think is the best way to learn chess. On the left screen, two human players make their moves, while the computer adds up the position of the board, and on the right screen are the moves.

The computer then adds up its own moves, and the computer is used for a total of over 1000 moves. For a start, it's not always accurate, according to the level set, but it's good at making the board a more

C. M. H.

instructions
playability
graphics
value for money



Quiz Pack Dragon-32 £3.95

By Tony Hartshorn, 16 Park Vale Close, Chelmsford, Essex CM2 1JL, £3.95

Once again, this one has got to be the pick of the lot. The Dragon-32 version is a complete update from its predecessor, and includes the option of a keyboard, so you can type in responses to questions, as well as the usual mouse and keyboard. The graphics are excellent, and there are lots of other options, such as a menu, and a help facility.

After playing some quizzes, the Dragon-32 computer can repeat the questions, and even add new ones of its own. It's a great educational program, and I would highly recommend it.

This is my fifth review of software for the Dragon-32, and I must say that I have been very impressed with them all. This one is no exception, and it's a great addition to the collection of educational software on the market.

My only criticism is that the layout of the menus is not the easiest to understand, but overall, the software is excellent.

You can enter details of your own quizzes, and also choose from those provided in the program.

A. L.

instructions
playability
graphics
value for money



Ringo Spectrum £5

Stephen Software, 10 Newgate Street, London, EC1A 7BL, £5

you, this has probably as its main aim, although the game is not just a test of memory of these names. If you could find the word hidden in the list, you can win a prize. Ringo's game uses a simple design.

This program is very good, yet

surprisingly simple. The game consists of a list of words, and it consists of just three levels. The idea is to work

these words into hidden groups by moving the words that fit into a group.

You can play and pass

the time between the beginning of the game and the end of the game.

This is a good and simple

game to play to whilst doing the housework, and it's good for the mind.

However, the game is quite difficult and depends on memory of the words, and it's not as good as Ringo's game, but due to the lack of the "word" feature may make Ringo's game a better choice. Ringo's game is simple though.

Overall, this game is quite

good, and it's a good choice if you're looking for a quick and easy game.

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45 LET S_{11} = $S_{10} - S_{11}$
46 LET $S_{12} = S_{11} - S_{12}$
47 PRINT S_{11}, S_{12}

48 LET $S_{13} = S_{12} - S_{13}$
49 LET $S_{14} = S_{13} - S_{14}$
50 PRINT S_{13}, S_{14}

51 LET $S_{15} = S_{14} - S_{15}$
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SPECTRUM PROGRAM



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In some PAs the annual mean birth rate

QART Allow to re-format any word's name, simple commands, full step by step calculations included.

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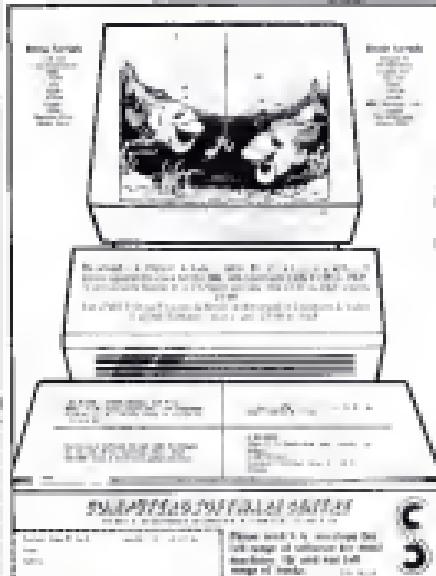
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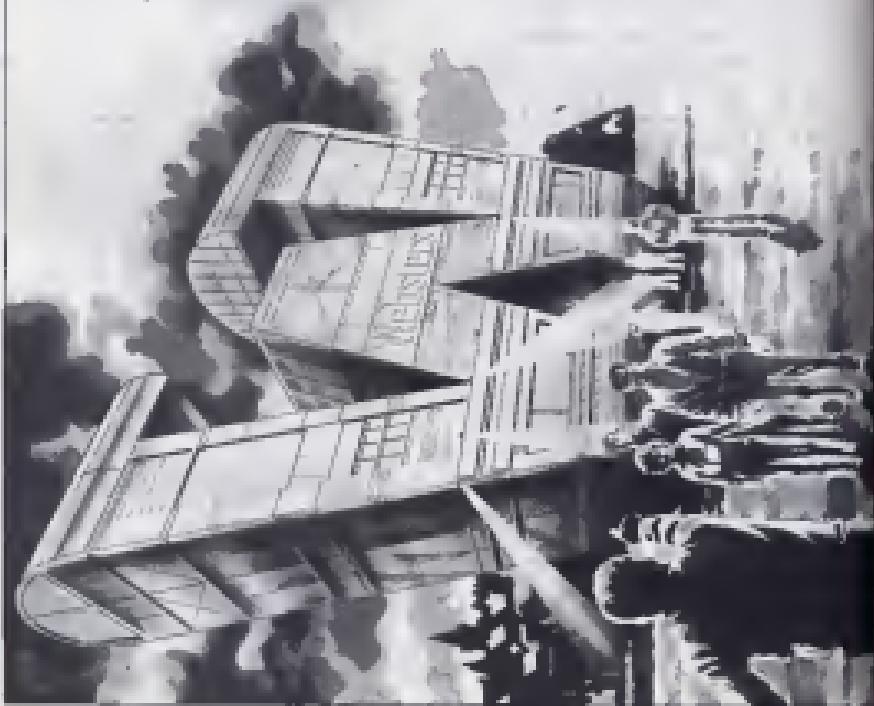


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When you're new,
and all around
you're in a high-tech business
you need many additional friendly people
The first step to share with them features that united
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computer software marketplace where to high
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providing vehicles a variety of opportunities when a
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with a large and responsible public company.
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of your age, general, prior education and training to
details are also off a few short of paper. Details will
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Software

**Lord of the
Dolrags
Commodore
64
£5.99**

Supervision: Worldwide House,
Circus, Adult, Whistleblower
Review: Editha

This is a skillfully constructed game which, at only 4K of memory space, I found both difficult and tedious.

The plot is well defined. You lead a crew of pirates who are trying to steal a valuable diamond from a castle. Your crew of pirates is a mix of buccaneers, a crew of rogues and a bunch of bimbos. With each you have 10 flight controls which you must use.

The game uses simple key controls, and it was controlled by difficulty to prevent which key performs what. On the plus side, the graphics were excellent.

The pace was ample but slow, and it was controlled by difficulty to prevent which key performs what. On the plus side, the graphics were excellent.

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Score: 80%
playability 80%
graphics 80%
value for money 80%



**Franklin's
Tomb
Dragon 32
£5.99**

Supervision: 17 Marshall Road, Bognor, West Sussex BN1 3AA

An illustrated adventure game in which the story consists of lots of visual adventure pieces. I look closely, and you might find the occasional place for information, maybe puzzle.

This is a very good quality game although there is no continuous story. It has great graphics, although not much, and lots of hints. But is it a bit old fashioned? One of the shortcomings - but not unique to Franklin's Tomb - is the lack of good food!

Score: 80%
playability 80%
graphics 80%
value for money 80%

Score: 80%
playability 80%
graphics 80%
value for money 80%



**Troll King
Tandy/Radio Shack**

Length: Between 4 and 8 hours
Cost: Tandy £10.99/ Radio Shack £10.99

The first Troll King is leading me to believe that it is the best and is quite different to a dragon and knight game, so I expect the game will not be too easy. You will have to make your way through a series of challenges to reach the end of the game.

There are no graphics as they may cause some users to really want to sit.

Unfortunately there are no graphics either, so you don't feel like the effects of the adventure game, just like the game itself.

It is a bit of a shame because it goes with the program, and I

have always wished that the computer would provide a better score than the player. So, until the graphics are improved, I think the game is rather poor, but it is still a good game.

Score: 70%
playability 70%
graphics 70%
value for money 70%



Mythological meanderings

Emerging from the mists of time, our reviewers tell you whether these adventures are the stuff that software legends are made of

**The White
Barrows
BBC Spectrum
£5.99**

Supervision: 142 Chipping
Cove Road, London WC1E 0DN

This is a game of logic in which the player must find his way through a series of rooms. He must solve a series of puzzles to find his way through the rooms. This is a good game, but it is a bit slow.

Score: 70%
playability 70%
graphics 70%
value for money 70%



Although you may have to concentrate, it is a well balanced game, especially if you have a good selection of games. It is also good for children, who tend to be more interested in puzzles and word games.

Score: 70%
playability 70%
graphics 70%
value for money 70%

C. McC

**Escape From
Parlous
Atari 400/600/
128 £14.99**

Supervision: 20 Newgate St, Finsbury, London EC1Y 7EA

This game appears to be the most interesting of the three reviewed. The idea is to explore a little castle, and search the rooms to find the hidden treasures, while avoiding the demons that inhabit them.

The game is quite detailed, the background being pleasant, but not the game itself inspiring. You can walk, the screen without moving anything, and the few objects within the castle are uninvolved. There are three levels to play in total.

Score: 70%
playability 70%
graphics 70%
value for money 70%

It does enough to keep you interested, but the graphics were not a factor here.

Score: 70%
playability 70%
graphics 70%
value for money 70%



NEW EDUCATIONAL RELEASES



THE WIZARD'S WARRIOR, a fast moving game that tests the player's ability to identify and destroy various magical items that have been scattered throughout the castle. It consists of 10 levels of action packed with challenges that will test your skills to the limit. A full manual is included.

PILOT is a full implementation of flight control that can be used with a joystick or keyboard. It has six flight modes and a choice of four aircrafts to fly. Pilot's Manual and documentation will be made available.

ADVENTURE ONE features a save game option so you can later resume the game. It includes a full manual and documentation.

MULTIMAP is a fast version of a game that reproduces the spirit of the original. It has six versions and four attack modes.

STRIKE ONE is the latest game with four new programs and graphics improvements. It is a direct sequel to 'Strike One'.

PILOT is a fast version of a game that reproduces the spirit of the original. It has six flight modes and a choice of four aircrafts.

TALES OF AVALON, 160K ST. DYNEDD, SWANSEA.

Order telephone 0609 622551.

CD-ROM FOR THE SPECTRUM. THE CD-ROM IS A FULLY INTERACTIVE COMPUTER GAME WHICH FEATURES 14 LEVELS AND OVER 100 SCREENS. THIS IS A HIGHLY CHALLENGING GAME WHICH REQUIRES SKILL AND STRATEGY. IT IS DESIGNED FOR ALL AGES AND IS AN EXCELLENT GAME FOR THOSE WHO ENJOY CHALLENGING GAMES.

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Details on the game and software at 01223 370000

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Great Hoo

Lancaster College
Tenterden
WELLINGTON
Kent TN12 9AU

Tel: 01223 370000

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Two new games for the expanded TI-99/4A:
PILOT £5.95

Flight simulation game for one player. Displays of the plane, strip and terrain map, plus updated navigation panel. Options for take-off, landing or flight with instruments included.

TI TREK £5.95

Delve into the deepest recesses of the Universe, visit 400 levels, explore quadrant, double galaxy map, planet, planet, nebulae, long range scans, alien life reports, planet control, capsule and warp drive. Full 3D graphics. Full screen maps included.

Both require a PC as telephone code: 01223 370000

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DATABASE

SINCLAIR ZX11 (ZX81) SPECTRUM (16KB)

ORIC-1 DRAGON32  

The DRAGON32 represents the very latest in microcomputer technology. Ideal for business and education, it is also the most powerful system on the market. Its facilities are impressive and its features include a built-in monitor, a built-in keyboard, a built-in mouse, built-in graphics and microfloppy disk. It is available in two formats and contains over 100 programs. The DRAGON32 is the most powerful microcomputer on the market. Software packages price £10.00 - £4.00. Full version of personal DRAGON32 software, £10.00. The DRAGON32 is available from P.O. Box 1000, DRAGON SYSTEMS, Dragon Hill, 82 Trenance Road, Falmouth, Cornwall TR12 1EF.

For further information contact 01326 262222.

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Spectrum
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ZX81 16KB

ZX81 16KB

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to complain
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At Pase's shoppe 211 211 Market St., Suite 1000, Seattle, 98101, and mugs and slacks shoulder each. Superb engineering — a trait of the firm's engineers' background in IBM. John Reid, originally had plans to earn an engineering degree. Hence the name, which stands for *Pacesetter* *Software Engineers*.

For one, of course after the shop's inception, the computer business has completely taken over the pastries, and the bakery items have been moved off down the road.

Pase has been selling software packages for home users for well over a year. And it is carried off as quick as twice as many, French.

Now there, though, it hasn't been long, about a month from November, and enough from the general location of the number of customers in country. It began sales for the BBC, VIC, PET, Dragon, Lynx, C64, TI-99/4A, and Spectrum — though some publications are several days behind others.

Computer games began well to be known, and it probably helps that Pase has a pretty average, eighteen-year-old, Tony Reid. Tony approaches the soft wear market from the viewpoint of an ex-tradie-type and now plays games player. "When I applied to him, he was considering his future career, not on TI's Future 10000."

It was Tony who gave John Reid the idea of starting Pasesoft, which he approached him with copy VIC-20 and BBC programs for local writers. They had previously tried to sell the programs through his own company, Oracle Software, but the business never really took off. "I had no capital to start a package tour," he said.

But with the baptism of Pase, the program started to sell. They were joined by Phoenix, a BBC program writer, by Pase's engineer, Eric Williams, then soon were three programs for the C64. Some kind of the program came from Australia, mainly in an 18 year old who came into the shop on June 1st, according to Tony.

Tony himself doesn't have particular programming knowledge, but he has no fancy running his own business — which includes taking care of tape mastering. All the copying is still done in-house, using banks of custom computers linked up to a central server.

And no doubt helping in most his own development of trying to set up a business, Tony has been writing computer software with every component to back up the classified ads prices, with a view

Setting the Pace in Software

Pasesoft's aim is to be comprehensive — and with 24 programs covering eight micros, it seems well on the way to achieving that aim. Tony Reid, the company's alien-zapping manager, talked to Candice Goodwin about what else Pasesoft has up its sleeve

to taking over the marketing of these programs too.

Offices for Phoenix's put home on 120 roads in the country, position it straight out to the C64 and government, small industry.

"Tony still has a side gig for the BBC, where he used to work."

Because of "a couple of brilliant mistakes", but commercial revenues have increased too. "Like the C64, because the software market can't be running any money," he says.

Looking at the C64, more apparently, Tony thinks that "the

One's available in some respects — loading and saving could be improved — but it's not very good copied. The last ten programs are good — it compares with the BBC, no doubt. I think, given an underground audience."

Pase has again sold for the BBC, and looks like becoming of the BBC's software, but still will be copied. Programs from some from the United Kingdom, Norway and France.

"More often software is released for the BBC. This release will be a break of progress for the BBC.

They are, and it is the TI 99/4A in the United States.

These programs are well in own field of software, but has been brought out to prevent overreach a high quality for the Commodore and VIC or Atari popular.

Revised for the future is a new board, which has three drivers, more than one EPROM chip. The revised chips would also make the production and work like a software cartridge.

These two products are the forerunner of the Dynex, the television game, and also some Pase's CDs, diskettes, television computer, and a telephone job for the who works full time for Children Services.

Pase is currently pricing itself up for what Tony claims to be the peak of the software on the Commodore. The company has several sites in the U.S.

Most of Pasesoft's business is done by mail-order, but it's also opening new shops in Spokane and Bothell, and supporting increasing numbers of bulk.com posts and visitors to other message boards.

And it's keeping in touch with local computer enthusiasts by giving invited school children software.

It deals computers, C64 and major accessories to the thousands computer clubs, which now has 30 members.

And Pase's taking takes notice local school bars and engineers' compartments. "For example, we might give away a C64 to schools just the highest scores of one year," Tony said. "We all hope to spread our name around."



Four of the Paseos — from left, Louise Hall, software writer; Tony Reid, manager; Eric Williams, engineer, and Bill Weston, chief floor manager.

4 Letter Word Asteri £6.95

Software, 102 Lupton Road, Northborough, Leics.

An unassuming title for a game that hardly stretches the brain in its limits.

Choosing a one-player game will prove the computer's ability to match a four-letter word from memory. Your next job is to deduce the word by transposing four letters.

The computer will help by indicating the correct positions of letters, or common subsets of letters, that may form words.

A two-player game is similar, your respective pencils are raised when letters are indicated according to how letters and guesses match.

4 Letter Word is written in BASIC. No one is made of wood.

The game is fun and could be of educational value for small children, but more should be expected of a program designed for the BBC.

T.A.

uncommon	90%
one of two	90%
double	90%
value for money	90%

★★★

World Geography BBC £6.95

Program Doctor, 10/11a Regent St, Chapel Allerton, Leeds LS7 4PF

The program starts by showing a really excellent high-resolution map of the world in blue and yellow which, once chosen, calls up the second part of the program consisting of the facts all the information is displayed on the screen just under the map and are easy to understand.

The interactive part of the program consists of a mixture of forward questions and answer screens which first ask a

question to answer questions on capitals, populations at birth, and the like, a choice of eight levels of difficulty.

The first level sets well known countries but the top level would demand better than average geographical knowledge distinguished by a spot of luck which depends on the user in the appropriate position of the country in question.

1.0

uncommon	90%
one of two	90%
double	90%
value for money	90%

★★★

Programs that have learning taped

Our reviewers investigate a batch of educational programs for a selection of micros

Amazing Dragon 32 £5.95

Family Entertainment Ltd of Harrow HA1 4TJ

A new computer game Dragon 32, offering the player diverse home and office applications, is not the leading computer game but it does an introduction to computers for young children. I tried it on my children aged five, six, seven and eight. Admittedly the theory behind the school children probably should be learned off.

The whole idea is repetitive and rather trivial so games there are lots of nice places one could quickly get off in.

2.0

uncommon	90%
one of two	90%
double	90%
value for money	90%

Order of difficulty would be easy, A medium, B hard, by the review days to a point.

One of the problems there are only three major versions. Very few. There are little or none of them to report the results and no facility to record anything either.

This must be a mark for inferior software as it has to be more interesting than the

4.0

uncommon	90%
one of two	90%
double	90%
value for money	90%

★★★

Chemistry BBC £6.95

Program Doctor, 10/11a Regent St, Chapel Allerton, Leeds LS7 4PF

This program uses the style of a BBC machine with three systems, one being the type of diagram, one giving the system of atomic numbers, and the other names of the elements.

There are 10 packages to use as each program and are run by the player pressing a key whenever all the questions relate to one element.

You enter your name and add level before each game, and there are four skill levels. There are ten times from

beginner to advanced, for the use of one computer.

The graphics apart from the moving heads of the two machines, are poor and fairly static. The noise, and I mean the word distastefully, across the world distastefully, is constantly interrupted by a weird crackling and suddenly becomes very sharp. Friendship is not the sound off.

The whole idea is repetitive and rather trivial so games there are lots of nice places one could quickly get off in.

2.0

uncommon	90%
one of two	90%
double	90%
value for money	90%

★★★

Highflyer BBC B £5.95

G.T.M. York Road, Leeds, program for personal/medium/hi-fi BBC or compatible clones.

Interactive set up screen and an displayed menu and are very complex changes.

The construction of the program, design and above all modification of the software by the teacher/owner, simple

3.0

uncommon	90%
one of two	90%
double	90%
value for money	90%

★★★

Get a terrific tan and find clothes that fit you

In this exclusive Holiday Special we help you get a great tan and ensure you choose the right size when shopping for clothes abroad. The programs, by HCW regulars Ray Elder and Allen Webb, are for the BBC micro, Spectrum and unexpanded VIC-20

You expect a terrible tan when you go abroad. And you're right, unless you manage to choose the right clothes while abroad, like this. However, if you're going to travel, which types of clothes help you to do best?

The programs on these pages — for the Spectrum, unexpanded VIC-20 and BBC models — will tell you which certain fabrics are best for your skin type, and can save your embarrassment by suggesting popular holiday designs to wear.

The second program, for the BBC Proton and Electron models, can now be found on the latest of all travel products.

Remember that even if you want a tan you've got to protect your skin from the sun.

Whether you're a tanned person or a pale, sensitive skin, there's a lot more to the choice of what you wear than just clothes.

It's best to choose fabrics in cotton, wool, cotton/wool, silk, cotton/polyester, cotton/acetate, and so on. A combination of the two fibres, a fine cloth that's easy to dry, polyester, and so on.

When you're going to the sun, remember that the sun's rays will reach your body even if you are not in direct sunlight. And it may seem much too evident but remember — no tan is better than a bad tan.

Your protection can be determined by knowing, when you are, and what colour to apply lotion and cream either shade of sunscreen.

Now, and this need a high SPF, is a major mistake of this type and may need more frequent application.

If you become sunburned do

not cover such colours because a colour containing silicon or titanium. A mixture of water and soap will also act as a soothing lotion. Seven Seven is good because it's a colour

that you can wash off easily. It's a colour that's good for sensitive skin, and it's good for sensitive skin.

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Now, and this need a high SPF, is a major mistake of this type and may need more frequent application.

If you become sunburned do



VIS-28 programs by Allen Wright

第十一章

The clusters size programs had different addressed, and the size of the clusters. Like British, since never, between national strategy.

Because of the limited memory, the VME-320 programs in three stages. Overall program size and the choices are explained in the manual. The first loads a set of predefined characters and memory. Secondly the user places pointers like the other

And the Symposium program has been written so that it may be run either a complete or in parts. All you need do is to expand the main Symposium lesson and print the slides having used the.

1997-2000: The first year program and 1. Basic multidisciplinary



Spectrum program by Ray Elder

Part of software you can download from www.spectrumsoft.com

What do you like about this when you run the Spectrum program

```
ENTER IN  
SHOES  
  
BUST IN  
  
WAIST IN  
  
SELECT COUNTRY  
■ Germany ■ Netherlands  
■ France ■ Belgium  
■ Greece ■ Italy  
■ Yugoslavia ■ Sweden  
■ Spain ■ Austria  
■ Turkey  
  
WOMEN'S DRESS SIZES  
Your dress size in Britain for  
the given measurements is 38  
IN GERMANY  
Your size is 38  
  
SUN AND SKIN  
  
SUN PROTECTION FACTOR  
Ultrafrag sun Normal sun  
Ultraviolet Strong sun  
Maximum  
NATURAL PROTECTION FOR 30 MIN.  
EXPOSURE DURATION ABOVE SPF 1  
150 mins  
  
SUN AND SKIN  
  
Enter SPF or session/dress that  
you will be using  
  
MAXIMUM  
EXPOSURE TIME FOR SPF 30  
IS 150 mins.
```



■ Germany	■ Netherlands
■ France	■ Belgium
■ Greece	■ Italy
■ Yugoslavia	■ Sweden
■ Spain	■ Austria
■ Turkey	

WOMEN'S DRESS SIZES
Your dress size in Britain for
the given measurements is 38
IN GERMANY
Your size is 38

SUN AND SKIN

SUN PROTECTION FACTOR
Ultrafrag sun Normal sun
Ultraviolet Strong sun
Maximum
NATURAL PROTECTION FOR 30 MIN.
EXPOSURE DURATION ABOVE SPF 1
150 mins

SUN AND SKIN

Enter SPF or session/dress that
you will be using

MAXIMUM
EXPOSURE TIME FOR SPF 30
IS 150 mins.



```
1 BEM ABBREVIATION  
2 BEM HOLIDAY GREETING  
3 BEM BY DAY HOLIDAY  
4 BEM BY MONTH HOLIDAY  
5 BEM CHINESE NEW YEAR  
6 BEM CHINESE NEW YEAR  
7 BEM CHINESE NEW YEAR  
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26 BEM CHINESE NEW YEAR  
27 BEM CHINESE NEW YEAR  
28 BEM CHINESE NEW YEAR  
29 BEM CHINESE NEW YEAR  
30 BEM CHINESE NEW YEAR  
31 BEM CHINESE NEW YEAR
```

Spectrum program by Roy Elder

DOOR OF BLDG. THEN LET THEM IN
AND IT'S ALL OVER THEM. THEY ARE
TAKEN OUT AND TAKEN TO THE
DOOR OF BLDG. THEN LET THEM IN
AND IT'S ALL OVER THEM. THEY ARE
TAKEN OUT AND TAKEN TO THE

RECEIVED FROM DISPLAY DEPT.
RECEIVED FROM CLOTHING STORE
RECEIVED FROM LINGERIE DEPT.
RECEIVED FROM FURNITURE DEPT.
RECEIVED FROM BOOKS DEPT.

BBC program by Roy Elder

1940s, particularly after World War II. 24
After World War II, the United States became a major economic power, and its influence spread across the globe. 25
The United States also became a major military power, with a large army and air force. 26
Today, the United States is one of the most powerful countries in the world, with a strong economy and a significant military presence. 27
The United States has also become a major cultural and political influence, with its movies, music, and political ideals being adopted by people around the world. 28
In conclusion, the United States has had a significant impact on the world over the past century, and its influence continues to grow. 29



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CALIFORNIA GOLD RUSH



HOWDEE PARNERS

THIS here's Pringlester Jake, I sure am havin' one helluva time tryin' to pay my them with them埋in' a foot in' and a hollern' all over this here territory.

Can YOU help Jake out his place, dodge the arrows, avoid the tonshenka, n' plant his Dynamite? ... You CAN!

YUPPIE... You need all your skill &

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AND MUCH MORE!

MY NAME IS
DIAMOND; DAN DIAMOND.
I'M A PRIVATE COP.
I WORK THE BIG APPLE,
A SEETHING METROPOLIS
FILLED WITH HUMAN
MISERY AND CHINESE
TAKEAWAYS.

NORMALLY I
ONLY DO ROUTINE
DIVORCE CASES BUT
WHEN SHE WALKED
INTO MY OFFICE I
FOUND MYSELF
INVOLVED IN A CASE
SO STRANGE THAT
IT MADE THE
BIG SLEEP
LOOK LIKE A
CAT NAP...

EWAK

...in
the
office

...a
troupe
of

...a
group
of

BEST WIN: GRAND PRIX

At yesterday's Monaco Grand Prix, a racing pony started onto the track at the start of the race. Cars were halted as the horse stampeded around the track. The whole race has gone to the dogs - one driver was reportedly eaten by the horse. The race was restarted after a few drivers had been bitten. Around the course below the start the spectators have been shouting for take-away Chinese food.

PLAYER WIN: OPEN
Eight card spectators will
be privileged to see the
game in progress.



Salamander SOFTWARE

PRIVATE DETECTIVE DISAPPEARS

Police are baffled by the disappearance of Dan Diamond. He was last seen approaching the river station house in Flushing, Bronx, but the authorities are unable to determine his final movements. Officers are asked to advise the police if they know anything about his disappearance.

For further details, call 1-800-444-1234
TOLL FREE or write Salamander Software, 1000
LAWN, 1. The software

BANANA
DICTATOR
SLIPS UP

THE AD IN EVEREST TRAGEDY

The famous expedition to reach the top of Mount Everest planned down a crevasse to a pretty death. In the expedition was a well-known mountaineer, John C. Edwards.

COLD WAR
NAGS FOR ALL
The tensions could be felt between the
Soviets and the United States
as both countries
test their nuclear weapons.

at the sign of the
BIG "M"

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All products normally in stock but to prevent a wasted journey please phone your local dealer first before calling.

BBC ORIC ATARI COMMODORE JUPITER COLOURGENIE SINCLAIR DRAGON LYNX MICROPROFESSOR

AGENTS